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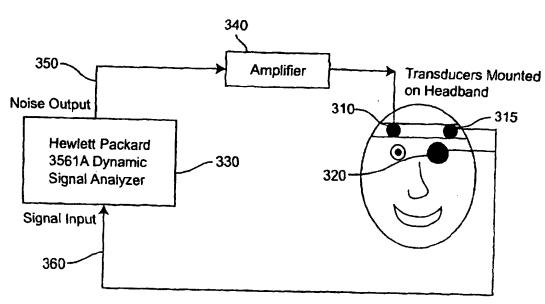
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(54) Title: MONITORING INTRA OCULAR AND INTRA CRANIAL PRESSURE



(57) Abstract: A method and apparatus for measuring acoustic energy applied to the head to detect increases in intra cranial pressure. Acoustic eye patches are applied to a patient's eye or eyelid, and an ultrasonic sweep generator applies an acoustic signal across the patient's skull, the signal being swept across a predetermined range. The eye patches have piezoelectric film sensors for measuring the acoustic signal. In one embodiment the predetermined range is in the ultrasonic band and an analyzer determines from the output said damping and intra cranial pressure. In another embodiment the predetermined range includes a range less than 20 kHz and the being a measure of intra cranial pressure.



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